

U.S. DEPARTMENT OF ENERGY SUBMITS HAZARDOUS WASTE MANAGEMENT PERMIT RENEWAL APPLICATION

The Tennessee Department of Environment and Conservation (TDEC) Division of Solid Waste Management (DSWM) received Part A and Part B hazardous waste management permit applications from the U.S. Department of Energy (DOE) for renewal of Oak Ridge National Laboratory's current hazardous waste permit (TNHW-134). This facility (EPA ID TN1890090003) is located in Roane County at 1 Bethel Valley Road, Oak Ridge, TN 37831 (see map). The co-operator of this facility that manages the hazardous waste is UT-Battelle, LLC.

The current permit, TNHW-134, allows the facility to store a maximum quantity of 47,080 gallons of hazardous waste in containers in five storage areas (Buildings 7651, 7652, 7653, 7654, and Portable Unit 2.) It also allows the facility to treat a maximum quantity of 1,984 gallons per day by neutralization, stabilization, treating water reactive alkaline metals, and addition of absorbent.

In this renewal application, the proposed maximum storage quantity would be increased by 95,338 gallons to a total of 142,418 gallons. The storage will still be in the five storage areas (Buildings 7651, 7652, 7653, 7654, and Portable Unit 2). The treatment capacities for the five storage areas would be increased by 128 gallons per day to 2112 gallons per day each. The facility will continue to use neutralization, stabilization, deactivation, and addition of absorbent as treatment methods, but has requested to use macroencapsulation as well. Portable Unit 2 has been placed on a standby status. A Closure Plan and schedule for closure for this unit has been submitted with the renewal application. The closure will be initiated once the permit is issued.

Solid waste management units (SWMUs) and Areas of Concern (AOCs) at the Oak Ridge Reservation, including previous or ongoing investigations or corrective actions for all releases of hazardous wastes or hazardous constituents, are addressed separately in DOE's site-wide corrective action permit, TNHW-164, issued on September 15, 2015. The conditions of TNHW-164 require that any future and existing SWMUs or AOCs be evaluated for potential releases and remediation, as necessary.

The current permit, TNHW-134, was issued on September 26, 2008 and effective for ten (10) years. Because the facility submitted their Part B renewal application at least 180 days before the current permit was set to expire, Tennessee Hazardous Waste Management Regulations allow the facility to continue to operate under the current permit until another permit is issued or denied. If renewed, the permit will allow the facility to continue to operate and maintain the hazardous waste for an additional ten years.

Prior to submitting their Part B application on January 26, 2018, the facility held a Pre-Application Public Meeting on November 30, 2017 with a public notice issued on October 27, 2017, as required by Tennessee Rule 0400-12-01-.07(1)(m). Oral comments were received from the public during the meeting and the permittee addressed the comments at that time. No written comments were received. The public will have another opportunity to comment when DSWM completes its review.

As set forth in the Regulations, a complete permit application, consisting of a Part A and a Part B, must include certain text, drawings and other information adequate to demonstrate that the facility will comply with the various technical and administrative standards applicable to such a facility. Evaluation of the renewal application involves an in-depth review of the application materials by DSWM staff and subsequent correspondence between DSWM and the facility identifying and correcting any deficiencies in the submitted information.

Once it determines the application is complete, DSWM will make a tentative decision to either grant or deny the permit and issue either a draft permit or a notice of intent to deny the permit. Public Notice will be given of this tentative decision, and the public will have at least 45 days to submit written comments on the draft permit/proposed action. A public hearing, if requested, may also be held to receive public comments within this

public comment period. After considering the public comments received and making any appropriate revisions, the DSWM director will issue a final permit decision to either issue a final permit or terminate the existing permit. A [Response to Comments](#) will also be issued at that time.

Electronic copies of the application are available online at tn.gov/environment/notices/ornl and at the DSWM Central Office on the 14th Floor of the Tennessee Tower, 312 Rosa L. Parks Avenue, Nashville, TN 37243 (615-532-0780). Paper copies are available for review at Oak Ridge Public Library, Civic Center, 1401 Oak Ridge Turnpike, Oak Ridge, TN (865-482-8455); at DSWM's Knoxville Field Office, 3711 Middlebrook Pike, Knoxville, TN 37921 (865-594-6035); DOE Information Center, 475 Oak Ridge Turnpike, Oak Ridge, TN (865-576-0885); and TDEC DOE Oversight Division Office, 761 Emory Valley Road, Oak Ridge, TN (865-481-0995).

Further information on this matter may be obtained by contacting Mr. James Barnard of the DOE at 1 Bethel Valley Road, MS-6269, Oak Ridge, TN 37830 (865-574-8266). Information, opinions, and inquiries may be directed to Ms. Dilraj Mokha in DSWM's Central Office throughout the permit review process: contact her at the TN Tower, 312 Rosa L. Parks Ave, 14th Floor, Nashville, TN 37243, call 615-532-0821, fax 615-532-0938, or email Dilraj.Mokha@tn.gov.

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If you would like to receive notices like this directly, contact the Public Participation Officer in DSWM's Central Office for a Mailing List Request form. Email Solid.Waste@tn.gov or call 615-532-0788.

NOTICE ISSUED: April 4, 2018

